Datasheet for ABIN654171

anti-FGF9 antibody (N-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	FGF9 (FGF-9)
Binding Specificity:	AA 31-58, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF9 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This FGF9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 31-58 amino acids from the N-terminal region of human FGF9.
Clone:	RB24600
Isotype:	Ig Fraction
Predicted Reactivity:	Pig, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	FGF9 (FGF-9)
Alternative Name:	FGF9 (FGF-9 Products)

Target Details

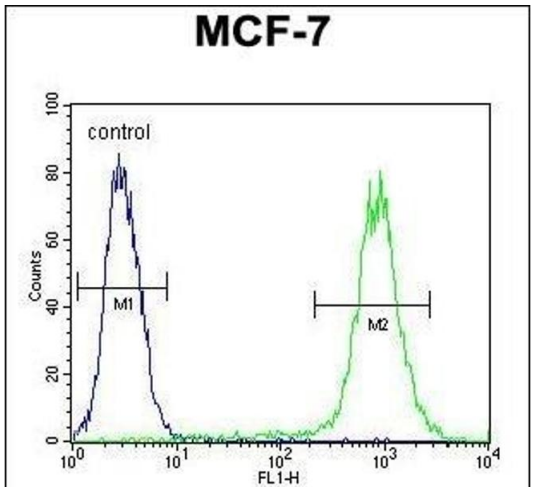
Background:	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein was isolated as a secreted factor that exhibits a growth-stimulating effect on cultured glial cells. In nervous system, this protein is produced mainly by neurons and may be important for glial cell development. Expression of the mouse homolog of this gene was found to be dependent on Sonic hedgehog (Shh) signaling. Mice lacking the homolog gene displayed a male-to-female sex reversal phenotype, which suggested a role in testicular embryogenesis.
Molecular Weight:	23441
Gene ID:	2254
NCBI Accession:	NP_002001
UniProt:	P31371

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

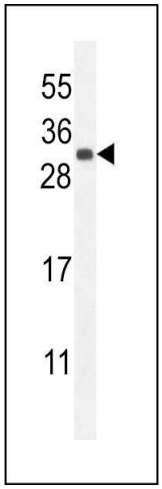
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



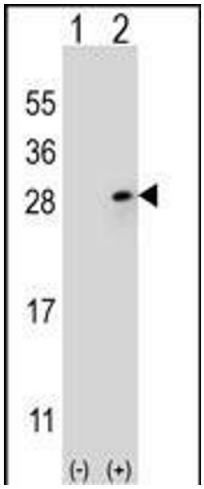
Flow Cytometry

Image 1. FGF9 Antibody (N-term) (ABIN654171 and ABIN2844030) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. FGF9 Antibody (N-term) (ABIN654171 and ABIN2844030) western blot analysis in mouse kidney tissue lysates (35 µg/lane).This demonstrates the FGF9 antibody detected the FGF9 protein (arrow).



Western Blotting

Image 3. Western blot analysis of FGF9 (arrow) using rabbit polyclonal FGF9 Antibody (N-term) (ABIN654171 and ABIN2844030). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the FGF9 gene.